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UTILITY PATENT APPLICATION **TRANSMITTAL** 

Attorney Docket No.		No.	4041J-000766		
First In	First Inventor Eiichi TORIGOE			P 1	
Title	Heat Ex	U.S.			

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Title	Heat Exch	nanger Having Projecting Fluid Passage	U.S.
Expres	s Mail I abe	I No.   FL 741 124 777 US	4)

(Unly for n	ew nonprovisiona	applications under	737 C.F.R. 1.53(b))	Express Mail Label No.	EL 741 124 777	JS	_100			
Son MRED o		ICATION ELE		ADDRESS T	• • • • • •	atent Application ner for Patents 450	22			
	napter 600 conce	rning utility patent a	application contents.	_		VA 22313-1450				
2.	Submit an original ar.  Applicant claims See 37 CFR 1.2 Specification preferred arrange Descriptive title o Cross Reference Statement Regar Reference to seq or a computer pro	[To ment set forth below f the Invention s to Related Applica ding Fed sponsored uence listing, a table ogram listing append	otal Pages  otal Pages  otal Pages  otal Pages  otal Pages  Specification filed in Englis  otal R & D  e,	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or						
	Background of th Brief Summary of			9. Assignn	ent Paners (cov	er sheet & document(s))				
-		of the Drawings ( if a ion	filed)	10. 37 C.F.F. (when the	· · ·					
	Abstract of the bi	sciosure		11. English	Translation Docu	ment (if applicable)				
4. ⊠ D 5. Oath or I	rawing(s) (35 L Declaration		otal Sheets 2 ]		12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations					
а. 🛛	Newly execute	ed (original or cop	- <u> </u>	13. Prelimin	ary Amendment					
		rior application (3								
_			th Box 18 completed)		(Should be specifically itemized)					
i, l		OF INVENTOR	, ,	15. Certified Copy of Priority Document(s)						
	Signed stateme	nt attached deleting	inventor(s)		(if foreign priority is claimed) 16. ☐ Request and Non Publication under 35 U.S.C. 122					
		ior application, see	37 CFR	(b)(2)(B)(i). Applicant must attach form PTO/SB/35						
6. 🔯 Apr	1.63(d)(2) and		D 4 70		or its equivalent.					
o. 🖂 Apt	olication Data S									
or in an App ☐ Conti Prior app	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Of prior application No:  Prior application information: Examiner Group / Art Unit:									
For CONTIN	IUATION or DIVI:	SIONAL APPS only	y: The entire disclosure	of the prior application	, from which an oa	ath or declaration is supplie by incorporated by reference	:d			
The incorpo	oration <u>can only</u>	be relied upon whe	en a portion has been in	nadvertently omitted fro	m the submitted a	pplication parts.	e.			
			17. CORRESPO	NDENCE ADDRESS						
⊠ Custon	ner Number or Ba		27	or  Correspondence address below tach bar code label here)						
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140/110										
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	Bloomfield Hills State United States of America Telephone		MI	Zip Code	48303					
Country	Officed States	or America	Telephone	248-641-1600	Fax	248-641-0270				
Name (Pr	int/Type)	H. Keith Miller,	Esq./	Registration No. (Att	orney/Agent)	22,484				
Signature		I KMI	A MILL		Date	September 15, 2003				

CEE TO ANIGMITT AT					Complete if Known						
FEE TRANSMITTAL					Application Number			unassigned yet			
for FY 2003						Filing Date			September 15, 2003		
_						First Named Inventor			Eiichi TORIGOE		
Patent fees are subject to annual revision.						Examiner Name					
Applicant claims small entity status. See 37 CFR 1.27						Group / Art Unit					
TOTAL AMO	UNT OF PA	AYMEN'	T (\$) 790		Attorney Docket No. 4041J-000766						
M	(check all that app	ily)	FEE CALCULATION (continued)								
☑ Check ☐ Credit card ☐ Money ☐ Other ☐ None						3. ADDITIONAL FEES					
		Orde		140116	Large Entity Small Entity						
☐ Deposit Acco	ount:				Fee	Fee	Fee	Fee	Fee Description	Fee Pai	
Deposit Account	08-0750				1051	( <b>\$</b> ) 130	Code 2051	( <b>\$</b> ) 65	Surcharge - late filing fee or oath		
Number	00-0730	0730			1052	50	2052	25	Surcharge - late provisional filing fee		
Deposit							1053	130	or cover sheet. Non-English specification		
Account	Harness, (	Dickey & Pi	ierce, P.L.C.	ł	1053 1812	130 2,520	1812	2,520	For filing a request for reexamination	<u> </u>	
			(check all that app		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
🛮 Charge any a	dditional fee(	s) during	Credit any overpay the pendency of the pendency of the pendency of the pendency of the filing f	his application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
o the above-ide					1251 1252	110 410	2251 2252	55 205	Extension for reply within first month  Extension for reply within second		
FEE CALCULATION						410	2232	203	month		
. BASIC F	LING FEE				1253	930	2253	465	Extension for reply within third month		
arge Entity	Small Entity				1254	1,450	2254	725	Extension for reply within fourth month		
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee I	<u>Description</u>	Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month	<b> </b>	
001 750	2001 375	Utility	y filing fee	750	1401	320	2401	160	Notice of Appeal		
002 330	2002 165	Desig	gn filing fee		1402	320	2402	160	Filing a brief in support of an appeal	L	
003 520	2003 260		filing fee		1403	280	2403	140	Request for oral hearing	-	
004 750	2004 375		sue filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding		
005 160	2005 80	Provi	isional filling fee		1452	110	2452	55	Petition to revive – unavoidable		
	SUBTO	OTAL (1)		(\$) 750	1453	1,300	2453	650	Petition to revive – unintentional		
. EXTRA CLAI	M EEES				1501	1,300	2501	650	Utility issue fee (or reissue)		
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		Clai	ims below	Paid	1503 1460	630	2503	315	Plant issue fee		
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dependent aims 1	-3**	= 0	×	= 0	1806	180	1806	180	Submission of Information Disclosure Stmt		
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ee Fee Code (\$)	Fee Code	Fee	Fee Description		1809	750	2809	375	properties)  Filing a submission after final rejection (37 CFR § 1.129(a))		
202 18 201 84	2202 2201	9 (	Claims in excess of Independent claims		1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))		
1203 280	2203		Multiple dependent		1801	750	2801	375	Request for Continued Examination (RCE)		
1204 84	2204	42 0	** Reissue independ original patent ** Reissue claims in		1802	900	1802	900	Request for expedited examination of a design application		
205 18	2205		over original patent		Q15	no (	5.1			-	
SUBTOTAL (2) (\$) 0									<u></u>		
			<u>L.</u>		*Reduc	ced by Ba	asic Filinç	Fee Pa	eid SUBTOTAL (3) (\$) 40		
"or number pre	viously paid,	if greater	r; For Reissues, se	ee above	L						

SUBMITTED BY		/		Cor	nplete (if applicable)
Name (Print/Type)	H. Keith Miller, Eso	Registration No. Attorney/Agent)	22,484	Telephone	248-641-1600
Signature	X/1/X	Well		Date	September 15, 2003